

ABSTRACT

A nuclear camera detector housing assembly is provided and includes an internal housing having a pair of side panels, a front panel interconnecting the pair of side panels, a rear panel interconnecting the pair of side panels, and a top panel operatively associated with the pair of side panels, the front panel and the rear panel, wherein the panels are configured and adapted to shield radiation, and wherein at least one of the panels is independent of the remaining panels. The nuclear camera detector housing further includes an external housing including a multiplicity of walls for supporting the internal housing, and at least one detector disposed within the internal housing for detecting radiation energy incident thereon.